

## ABSTRACT

A method for recording and reproducing information at multiple levels comprises steps of recording an information-coding pit at one of multiple levels in each of recording domains placed successively on a track of an optical information recording medium by utilizing combination of a width in a track direction of an information-coding pit and a position in the track direction of the information-coding pit; detecting reproduced signals at two or more positions in the recording domain, and reproducing the information according to judgment of the width of the information pit by comparison of the reproduced signals with a predetermined threshold width value and judgment of the shift direction and/or shift degree by comparison with levels of the plural reproduced signals.